

Section II
Soil and Site Information

Bennett County, South Dakota
Sanitary Facilities Table 2

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Aa: Lohmiller-----	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Not limited	
AlB: Altvan-----	90	Very limited Too Sandy	1.00	Not limited		Very limited Seepage Too Sandy	1.00 0.50
AnB: Anselmo-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
AtE: Anselmo-----	45	Very limited Seepage Too Sandy Slope	1.00 1.00 0.96	Very limited Seepage Slope	1.00 0.96	Very limited Too Sandy Seepage Slope	1.00 1.00 0.96
Tassel-----	30	Very limited Depth to bedrock Slope	1.00 0.96	Somewhat limited Slope	0.96	Very limited Depth to bedrock Slope	1.00 0.96
Bk: Bankard-----	85	Very limited Too Sandy Flooding	1.00 0.40	Somewhat limited Flooding	0.40	Very limited Too Sandy Seepage	1.00 1.00
Bo: Orthents, Hummocky--	90	Not rated		Not rated		Not rated	
CnF: Canyon-----	60	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
Rock Outcrop, Sandstone-----	20	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CoF: Canyon-----	50	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
Oglala-----	30	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Slope Depth to bedrock	1.00 0.42
Cr: Canyon-----	60	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
Rock Outcrop, Sandy-	25	Not rated		Not rated		Not rated	
CyD2: Canyon-----	60	Very limited Depth to bedrock	1.00	Not limited		Very limited Depth to bedrock	1.00
Rosebud-----	30	Very limited Depth to bedrock	1.00	Not limited		Very limited Depth to bedrock	1.00
DkA: Dawes-----	60	Not limited		Not limited		Not limited	
Keith-----	30	Not limited		Not limited		Not limited	
DrB: Dawes-----	65	Not limited		Not limited		Not limited	
Richfield-----	30	Not limited		Not limited		Not limited	
DsB: Dunday-----	90	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Vetal-----	3	Very limited Seepage	1.00	Very limited Seepage	1.00	Somewhat limited Seepage	0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
DtA: Dunday-----	60	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Anselmo-----	30	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
DtC: Dunday-----	65	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Anselmo-----	25	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
Du: Dunday-----	50	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Elsmere-----	45	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 0.68
DvB: Dunday-----	50	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Seepage Too Sandy	1.00 0.50
Valentine-----	35	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
EhF: Epping-----	55	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
Kadoka-----	30	Very limited Depth to bedrock Slope	1.00 0.63	Somewhat limited Slope	0.63	Very limited Depth to bedrock Slope	1.00 0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ga: Gannett-----	85	Very limited Depth to saturated zone Seepage Too Sandy	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 1.00
GoA: Mobridge-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
GoB: Mobridge-----	90	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Gr: Nihill-----	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope Gravel content Seepage	1.00 1.00 0.50
HaA: Haverson-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Not limited	
HtB: Holt-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Seepage	1.00 0.21
Tuthill-----	45	Not limited		Not limited		Not limited	
HtC: Holt-----	45	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Seepage	1.00 1.00	Very limited Depth to bedrock Seepage	1.00 0.21
Tuthill-----	45	Not limited		Not limited		Not limited	
Hv: Hoven-----	95	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Ponding Too clayey	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KaB: Kadoka-----	90	Very limited Depth to bedrock	1.00	Not limited		Very limited Depth to bedrock	1.00
KeA: Keith-----	90	Not limited		Not limited		Not limited	
KeB: Keith-----	85	Not limited		Not limited		Not limited	
KhD: Keith-----	65	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
Colby-----	20	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
KrA: Keith-----	50	Not limited		Not limited		Not limited	
Rosebud-----	45	Very limited Depth to bedrock	1.00	Not limited		Very limited Depth to bedrock	1.00
KrB: Keith-----	55	Not limited		Not limited		Not limited	
Rosebud-----	35	Very limited Depth to bedrock	1.00	Not limited		Very limited Depth to bedrock	1.00
KuC: Keith-----	45	Not limited		Not limited		Not limited	
Ulysses-----	45	Not limited		Not limited		Not limited	
La: Lamo-----	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.86
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Too Sandy	0.50
		Too Sandy	1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Lo: Loup-----	90	Very limited Flooding Depth to saturated zone Too Sandy Seepage	1.00 1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Too Sandy Seepage Depth to saturated zone	1.00 1.00 1.00
Ma: Aquolls-----	90	Not rated		Not rated		Not rated	
Me: Minatare-----	80	Very limited Flooding Depth to saturated zone Sodium content Seepage	1.00 1.00 1.00 1.00	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00	Very limited Sodium content Depth to saturated zone Seepage	1.00 0.86 0.50
Mm: Mosher-----	65	Very limited Depth to saturated zone Sodium content Too clayey	1.00 1.00 0.50	Very limited Depth to saturated zone	1.00	Very limited Sodium content Too clayey	1.00 0.50
Minatare-----	30	Very limited Depth to saturated zone Sodium content Seepage	1.00 1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Sodium content Depth to saturated zone Seepage	1.00 0.86 0.50
OcE: Oglala-----	50	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Slope Depth to bedrock	1.00 0.42
Canyon-----	30	Very limited Depth to bedrock Slope	1.00 0.63	Somewhat limited Slope	0.63	Very limited Depth to bedrock Slope	1.00 0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OrA: Oglala-----	65	Very limited Depth to bedrock	1.00	Not limited		Somewhat limited Depth to bedrock	0.42
OrB: Oglala-----	50	Very limited Depth to bedrock	1.00	Not limited		Somewhat limited Depth to bedrock	0.42
RkA: Richfield-----	45	Not limited		Not limited		Not limited	
Keith-----	45	Not limited		Not limited		Not limited	
RkB: Richfield-----	45	Not limited		Not limited		Not limited	
Keith-----	40	Not limited		Not limited		Not limited	
TaF: Tassel-----	60	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
Anselmo-----	25	Very limited Slope Seepage Too Sandy	1.00 1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Too Sandy Seepage	1.00 1.00 1.00
TnB: Anselmo-----	45	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
Tuthill-----	45	Not limited		Not limited		Not limited	
TnC: Tuthill-----	40	Not limited		Not limited		Not limited	
Anselmo-----	40	Very limited Seepage Too Sandy	1.00 1.00	Very limited Seepage	1.00	Very limited Too Sandy Seepage	1.00 1.00
VaC: Valentine-----	90	Very limited Seepage Too Sandy Slope	1.00 1.00 0.37	Very limited Seepage Slope	1.00 0.37	Very limited Too Sandy Seepage Slope	1.00 1.00 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
VaD: Valentine-----	85	Very limited Slope Seepage Too Sandy	1.00 1.00 1.00	Very limited Slope Seepage	1.00 1.00	Very limited Slope Too Sandy Seepage	1.00 1.00 1.00
VeD: Valentine-----	60	Very limited Seepage Too Sandy Slope	1.00 1.00 1.00	Very limited Seepage Slope	1.00 1.00	Very limited Too Sandy Seepage Slope	1.00 1.00 1.00
Tassel-----	25	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Slope	1.00	Very limited Depth to bedrock Slope	1.00 1.00
VgA: Mobridge-----	45	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
Vetal-----	45	Very limited Seepage	1.00	Very limited Seepage	1.00	Somewhat limited Seepage	0.50
VhD: Vetal-----	60	Very limited Seepage	1.00	Very limited Seepage	1.00	Somewhat limited Seepage	0.50
Holt-----	25	Very limited Depth to bedrock Slope	1.00 0.63	Very limited Depth to bedrock Seepage Slope	1.00 1.00 0.63	Very limited Depth to bedrock Slope Seepage	1.00 0.63 0.21
w: Water (less Than 40 Acres)-----	100	Not rated		Not rated		Not rated	
ww: Water (greater Than 40 Acres)-----	100	Not rated		Not rated		Not rated	

